9 FIGURES

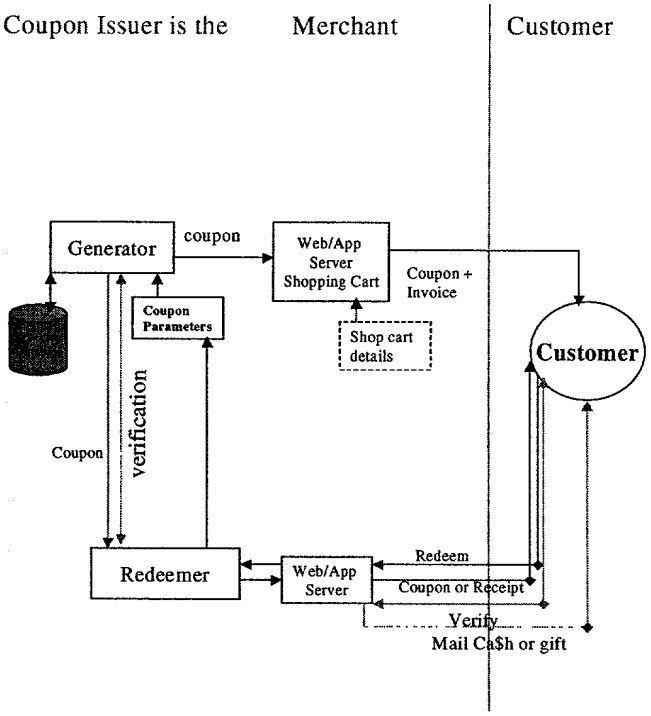

Figure 1

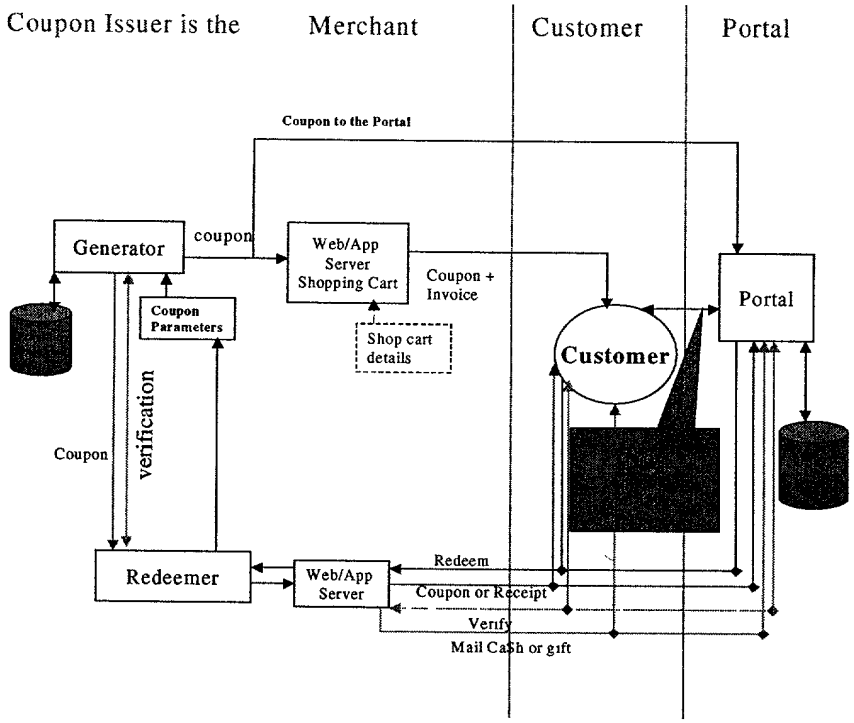

Figure 2

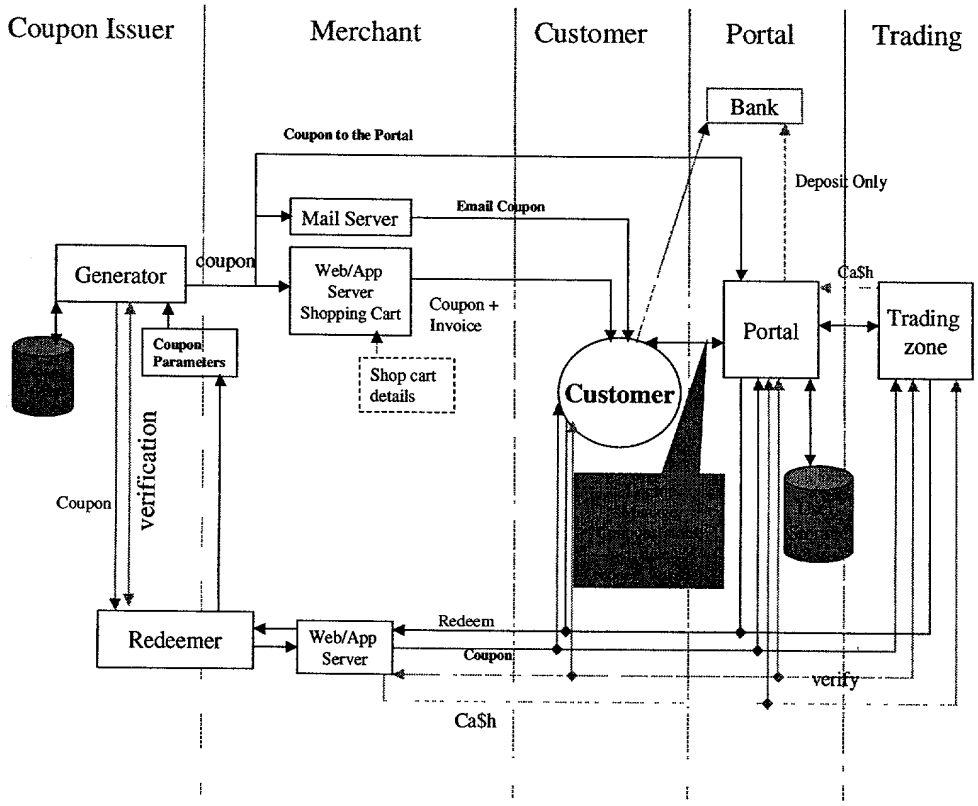

Figure 3

Figure 4

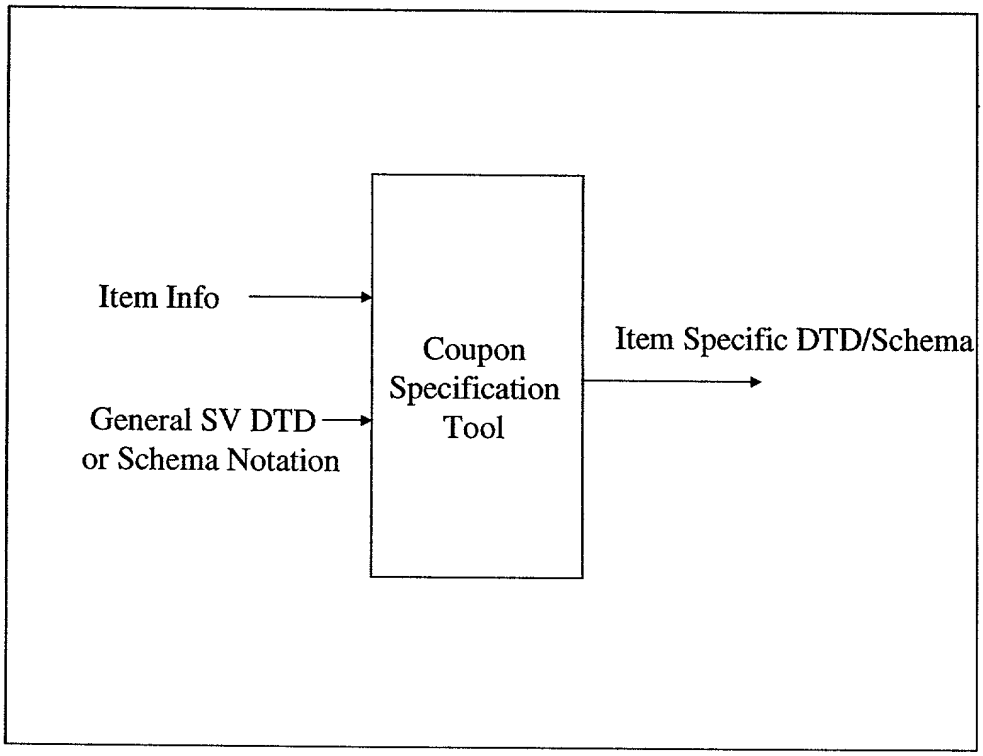

Figure 5

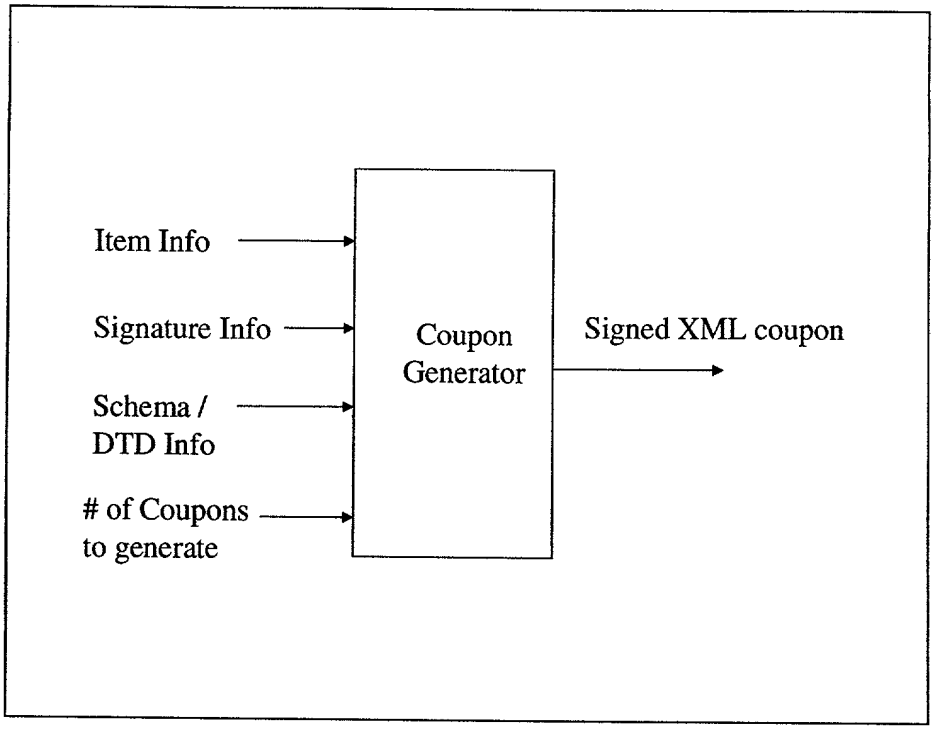

Figure 6

```
<!ELEMENT COUPON (MANIFEST, PRODUCT)>
<!ELEMENT MANIFEST (Version, GeneratorName, DateIssued?,
DateExpires?, Value, SerialNum?, TermsURL)>

<!ELEMENT Version (#PCDATA)>
<!ELEMENT GeneratorName (#PCDATA)>
<!ELEMENT DateIssued (#PCDATA)>
<!ATTLIST DateIssued isfmt CDATA #REQUIRED>
<!ELEMENT DateExpires (#PCDATA)>
<!ATTLIST DateExpires expfmt CDATA #REQUIRED>
<!ELEMENT Value (#PCDATA)>
<!ATTLIST Value currency CDATA #REQUIRED>
<!ELEMENT SerialNum (#PCDATA)>
<!ELEMENT TermsURL (#PCDATA)>

<!ELEMENT PRODUCT (ManfName, ProductName, DescURL)>

<!ELEMENT ManfName (#PCDATA)>
<!ATTLIST ManfName manfid CDATA #REQUIRED>
<!ELEMENT ProductName (#PCDATA)>
<!ATTLIST ProductName productid CDATA #REQUIRED>
<!ELEMENT DescURL (#PCDATA)>
```

5

Figure 7

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<!DOCTYPE COUPON SYSTEM "saving.dtd">
<COUPON>
      <MANIFEST>
            <Version>0.01alpha</Version>
            <GeneratorName>SavingsValue.COM</GeneratorName>
            <DateIssued isfmt="m/d/y">03/15/2000</DateIssued>
            <DateExpires expfmt="m/d/y">12/12/2000</DateExpires>
            <Value currency="USD">7.60</Value>
            <SerialNum>0786</SerialNum>
            <TermsURL>http://mydomain.com/terms.html</TermsURL>

      </MANIFEST>
      <PRODUCT>
            <ManfName manfid="900-782-09123">Sun
Microsystems</ManfName>
            <ProductName productid="xy42e234">Coffe
Mug</ProductName>
            <DescURL>http://mydomain.com/desc.html</DescURL>
      </PRODUCT>
</COUPON>
```

Figure 8

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
<!DOCTYPE COUPON SYSTEM "saving.dtd">
<COUPON>
<SIGNATURE>
-----BEGIN PGP SIGNATURE-----
Version: PGP 6.5.2

iQCVAwUBONGP09DU0QNmX7WTAQG0gQP+Peun6hz3NXg/5DcOu2ppqBfwb+0MYY0e
c0X4o7Z2TtnCkFI5oOELRwUphOxKNoP2Wk++UCPUGDXI72A28s8h7U12bQoKE4dc
NLFNctQUkr0QpDHTyb4YB3whIXffv52fFscd+84zzNREn6jQc5uCxfgjRlbIcDhX
LNQvVWaxqNM==J6Ao
-----END PGP SIGNATURE-----
</SIGNATURE>

      <MANIFEST>
            <Version>0.01alpha</Version>
            <GeneratorName>SavingsValue.COM</GeneratorName>
            <DateIssued isfmt="m/d/y">03/15/2000</DateIssued>
            <DateExpires expfmt="m/d/y">12/12/2000</DateExpires>
            <Value currency="USD">7.60</Value>
            <SerialNum>0786</SerialNum>
            <TermsURL>http://mydomain.com/terms.html</TermsURL>

      </MANIFEST>
      <PRODUCT>
            <ManfName manfid="900-782-09123">SavingsValue Inc
              </ManfName>
            <ProductName productid="xy42e234">CoffeMug</ProductName>
            <DescURL>http://mydomain.com/desc.html</DescURL>
      </PRODUCT>
</COUPON>
```

Figure 9

```
<?xml version="1.0" encoding="ISO-8859-1" ?>
   <Coupon xmlns="http://www.savingsvalue.com/namespace/svcsv10"
           xmlns:svcs=" http://www.savingsvalue.com/svcs">
     <Generator name="Savings Value Inc">
       <svcs:Version>1.0alpha</svcs:Version>
     </Generator>
     <Issuer name="Issuers Inc.">
       <svcs:KeyInfo>1DA8DFCF95521014BBB7171B95545E8D61AE803F
       </svcs:KeyInfo>
     </Issuer>
     <Product>
       <Name>Coffee Mug</Name>
       <Description url="http://www.coffee.net"></Description>
       <Value currency="USD">
         <price>7.6</price>
       </Value>
       <svcs:TermsURL=" http://www.coffee.net/terms.html">
       </svcs:TermsURL>
     </Product>
   </Coupon>
```

Figure 9A

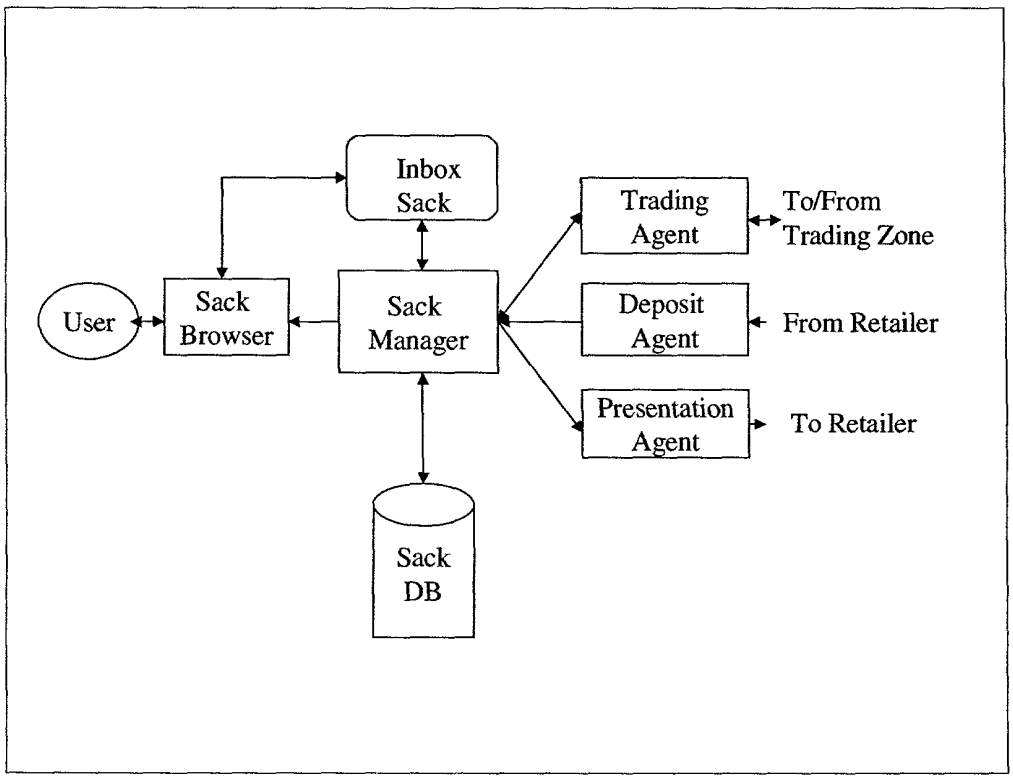

Figure 10